



Issue Classification 	Application No.	Applicant(s)	
	09/659,815	HATTORI ET AL.	
	Examiner	Art Unit	
	Samir A. Ahmed	2623	

ISSUE CLASSIFICATION									
ORIGINAL					CROSS REFERENCE(S)				
CLASS		SUBCLASS			CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)			
382		154			382	103			
INTERNATIONAL CLASSIFICATION					348	169			
G	0	6	K	9/00					
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				/					
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(Assistant Examiner) (Date)					SAMIR AHMED PRIMARY EXAMINER  (Primary Examiner) (Date)			Total Claims Allowed: 14	
B. PHOENIX (Legal Instruments Examiner) (Date)								O.G. Print Claim(s)	O.G. Print Fig.
								1	4

<input checked="" type="checkbox"/> Claims renumbered in the same order as presented by applicant										<input type="checkbox"/> CPA		<input type="checkbox"/> T.D.		<input type="checkbox"/> R.1.47	
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original		
1	1	31	61	91	121	151	181								
2	2	32	62	92	122	152	182								
3	3	11	63	93	123	153	183								
4	4	12	64	94	124	154	184								
5	5	13	65	95	125	155	185								
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7	7	37	67	97	127	157	187								
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14	14	44	74	104	134	164	194								
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7	18	48	78	108	138	168	198								
8	19	49	79	109	139	169	199								
9	20	50	80	110	140	170	200								
10	21	51	81	111	141	171	201								
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23	23	53	83	113	143	173	203								
24	24	54	84	114	144	174	204								
25	25	55	85	115	145	175	205								
26	26	56	86	116	146	176	206								
27	27	57	87	117	147	177	207								
28	28	58	88	118	148	178	208								
29	29	59	89	119	149	179	209								
30	30	60	90	120	150	180	210								

382	154	Subclass
ISSUE CLASSIFICATION		

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PATENT NUMBER

-U.S. UTILITY Patent Application-

O.I.P.E.

PATENT DATE

SCANNED Q.A.

APPLICATION NO.
09/659815

CONT/PRIOR
F

CLASS

SUBCLASS

ART UNIT

EXAMINER

Hiroshi Hattori
Kazunori Onoguchi
Nobuyuki Takeda

APPLICANTS

Time

Obstacle detection system and method therefor

PTO-2040
12/89

ISSUING CLASSIFICATION									
ORIGINAL		CROSS REFERENCE(S)							
CLASS	SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)						
382	154	382	103						
INTERNATIONAL CLASSIFICATION		348	169						
G06K	9/00								

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<input type="checkbox"/> TERMINAL DISCLAIMER	DRAWINGS			CLAIMS ALLOWED	
	Sheets Drawg. 21	Figs. Drawg. 56	Print Fig. 4	Total Claims 14	Print Claim for O.G. 1
<input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed. <input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S Patent. No. _____ _____ _____	<div style="border: 1px solid black; padding: 5px;"> </div> <div style="display: flex; justify-content: space-between;"> (Assistant Examiner) (Date) </div>			NOTICE OF ALLOWANCE MAILED	
	<div style="border: 1px solid black; padding: 10px;"> SAMIR AHMED PRIMARY EXAMINER </div> <div style="display: flex; justify-content: space-between;"> (Primary Examiner) (Date) 3/15/05 </div>			ISSUE FEE	
				Amount Due	Date Paid
<input type="checkbox"/> The terminal _____ months of this patent have been disclaimed.	<div style="border: 1px solid black; padding: 5px;"> </div> <div style="display: flex; justify-content: space-between;"> (Legal Instruments Examiner) (Date) </div>			ISSUE BATCH NUMBER	
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